

STATE OF IDAHO
DEPARTMENT OF FISH AND GAME
Jerry M. Conley, Director

Quarterly Project Progress Report
CLEARWATER RIVER DEVELOPMENT OF
SPRING CHINOOK STOCKS
Project No. 88E27032

Columbia River Fisheries Development Program
Period Covered: October 1, 1981 to December 31, 1980

by
Ronald L. Lindland
Regional Fishery Biologist

Clearwater River Development of Spring Chinook Stocks

ABSTRACT :

A total of 2,500,000 eyed spring chinook eggs were placed in Indian Creek Incubation Channel during October of 1980. As in 1979, these eggs were transported from the Cowlitz Hatchery in Washington. Indian Creek was again the only incubation channel utilized for chinook eggs.

REPORT OF PROGRESS ;

Returns of adult spring chinook to Rapid River Hatchery in the fall of 1980 were again too low to provide excess eyed eggs for planting in the Indian Creek. For the second year in a row, we obtained eyed egg from the Cowlitz Hatchery in Washington.

Utilizing a one ton flatbed truck and a one-half ton pickup, we picked up 3 million eggs at the Cowlitz Hatchery on 13 October 1980. All eggs were placed in wet burlap sacks in wire baskets and iced down during transport. A total of 2.5 million eggs were placed in the Indian Creek Incubation Channel and the other 500,000 were transported to Hayden Creek Hatchery. The fry resulting from Hayden Creek will be place in Red River Pond nest summer. We received much appreciated assistance in placing the eggs in Indian Creek Channel from U. S. Forest Service personnel of the West Fork District. Wire mesh was placed over the channel bottom to prevent depredation on the eggs.

A channel tender was hired to live at the channel from 1 October through 15 June. The U. S. Forest Service provided a 14' x 16' wall tent and appropriate furnishings to accommodate the tender.

I made trips check on the channel conditions and channel tender on 5 November and 18 December. Channel conditions were excellent on both occasions. On the December trip, there was less than one foot of snow on the summit of Nez Perce Pass. Warm weather and rain during Christmas week further reduced the snow pack, but no problems were experienced at the channel.

Submitted by :

Ronald L. Lindland
Regional Fishery Biologist